





LSI Logic Corporation Intellectual Property **Corporate Legal Department** MS D-106 1551 McCarthy Blvd. Milpitas, CA 95035

Date	October 24, 2003							
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To: US	PTO, Mail Sto	p ID\$		Fro	m: Mark S	Salvatore		
TC 2829	9		٠	Inte	llectual P	roperty Pa	ralegal	
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Information Disclosure Statement (letter)

Information Disclosure Statement by Applicant PTO/SB/O8A

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FORM (to be used for ell correspondence after imital filing) Total Number of Pages in This Submission Examiner Name Drawing(s) Drawing(s) Drawing(s) Drawing(s) Licensing-related Papers Peation Appeal Communication to Board of Appeals and Interferences of Appeal Communication to TC (Appeal National Interferences) Anter Final Peation to Convert to a Provisional Application Prower of Anterney, Revoration Change of Correspondence Address Extension of Time Request Extension of Time Request Extension of Time Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Missing Parts/ Incomplete Application Response to Missing Missing Parts/ Incomplete	Under the Paderwork Medication Act of 1995	Application Number	1
First Named Inventor Trussing rangem. Aritharan Art Unit 2829 Examiner Name Total Number of Pages in Tins Submission 8 Attorney Docket Number 02-4456/1P ENCLOSURES (Check all that apply) Fee Transmittal Form Drawing(s) Atter Atowance communication to Technology Center (TC) Fee Attached Application Drawing(s) Atter Atowance communication to Technology Center (TC) Annerdment/Reply Patting Drawing(s) Application Proper of Application Provisional Application Provisional Application Provisional Application Provisional Application Provisional Application Disclosure Statement Certified Copy of Priority Document(s) Request for Refund Drawing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Page to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Missing Parts/ Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Information Disclosure Missing Parts/ Information Disclosure Missing Parts/ Information Disclosure Missing Parts/ In	TRANSMITTAL	Filing Date	July 15, 2003
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Fee Transmittal Form Drawing(s)	Total Number of Pages in This Submission	6 Attorney Docket Number	02-4456/1P
Fee Attached Fee Attached Amendment/Reply After Final		ENCLOSURES (Check all	that apply)
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Or Individual name Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Mark Salvatore			RNEY, OR AGENT
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTC process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTC. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form analytic suggestions for reducing it is turden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL 10/620,057 Application Number July 15, 2003 Filing Date for FY 2004 Thurairajaratnam, Aritharan First Named Inventor Effective 10/01/2003, Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 2829 Art Unit (\$) 0.00TOTAL AMOUNT OF PAYMENT 02-4456/1P Attorney Docket No. FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Check Credit card Cther None Large Entity , Small Entity Deposit Account: Fee Description Deposit Code (\$) Code (\$) Fee Paid 12-2252 Account 1051 130 2051 Surcharge - late filing fee or oath Number Deposit 50 2052 Surcharge - late provisional filling fee or 1052 LSI Logic Corporation cover sheet 130 Non-English specification 1053 130 1053 The Director is authorized to: (check all that apply) 1812 2,520 1812 2,520 For filing a request for ex parte reexamination Credit any overpayments Charge fee(s) indicated below 920° Requesting publication of SIR prior to Examiner action 1604 920 1804 Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee 1805 1.840 1805 1,840* Requesting publication of SIR after Examiner action to the above-identified deposit account. 1251 110 2251 55 Extension for reply within first month **FEE CALCULATION** 210 Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 475 Extension for reply within third month 1253 950 2253 arge Entity Small Entity Fee Paid Fee Description 2254 1254 1,480 740 Extension for reply within fourth month 2255 1,005 Extension for reply within fifth month 1255 2,010 1001 770 2001 \$85 Utility filling fee 1401 330 2401 165 Notice of Appeal 1002 340 2002 170 Design filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for gral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1005 160 2005 Provisional filing fee 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 0.00 1453 1,330 2453 665 Patition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 665 Utility issue fee (or relssue) 2501 Fee Pald Extra Claims 1502 480 2502 240 Design issue fee Total Claims -20 1503 640 2503 320 Plant issue fee Independent 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) arge Entity Small Entity 180 Submission of Information Disclosure Stmt 1806 180 1806 Fee Description Fee Fee Code (\$) Fcc Fcc Code (\$) 40 Recording each patent assignment per 8021 40 8021 property (times number of properties) 1202 2202 Claims in excess of 20 18 9 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 1201 86 Independent claims in excess of 3 2201 43 1203 290 2203 145 Multiple dependent claim, if not paid 385 For each additional invention to be 1810 770 2810 examined (37 CFR 1.129(b)) ** Raissue independent claims 86 2204 1204 43 over original patent 1801 770 2801 385 Request for Continued Examination (RCE) "" Reissue claims in excess of 20 and over original patent 900 1802 900 Request for expedited examination 1205 1802 2205 of a design application Other fee (specify) (\$) 0.00 SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 or number previously paid, if greater, For Reissues, see above SUBMITTED BY Registration No. Name (PrinVType) Timothy R. Croll Telephone 408-433-7625 36,771

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Aritharan Thurairajaratnam et. al.

Serial No.:

10/620,057

Filed:

July 15, 2003

For:

Measurement Of Package Interconnect Imepdance Using

Tester And Supporting Tester

Hardware

Group Art Unit:

2829

Examiner:

Atty Docket:

/ 02-4456/1P

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Mark Salvatore

Date

Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation 1551 McCarthy Blvd., MS D-106 Milipitas, CA 95035 408-433-7475

Date: 230J 03

Respectfully submitted,

Timothy Croll

Reg. No. 36,771

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Page 1 of 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known			
				Application Number	10/620,057 July-15, 2003		
				Filing Date			
STATEMENT DE APPLICANT			LICANI	First Named Inventor	Aritharan Thurairajaratnam		
				Group Art Unit	2829		
				Examiner Name			
Sheet	1	of	1	Attomey Docket No.	/ 02-4456/1P		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, caalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where	٣				
	"Picoprobe Probe Cards", GGB Industries, Inc., June 6, 2000					

Examiner	Date	
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